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Jameco Part Number 222990 (747904-2)

DRAWING MADE IN THIRD ANGLE PROJECTION

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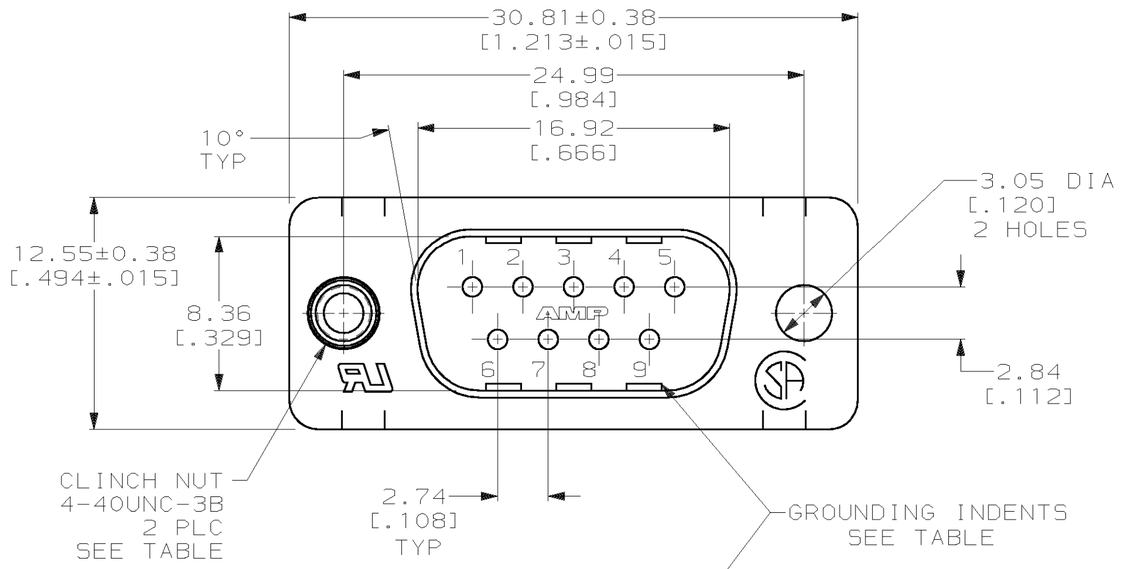
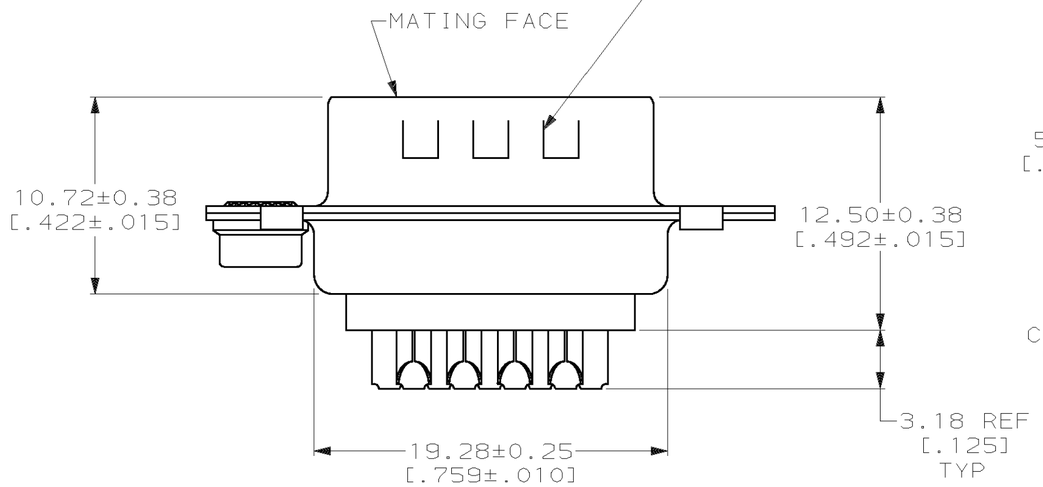
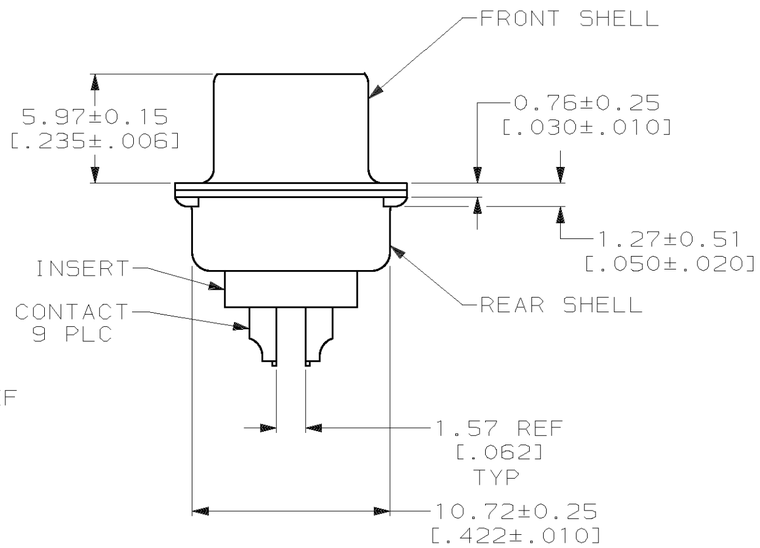
LOC	DIST
BD	48

P	F	ZONE	LTR	DESCRIPTION	DATE	APPD
				REVISIONS		
			D	REV & REDRAWN ECN BD3360	9-18-89	–
			E	REVISED PER ECN BD6498	07/28/92	RM
			E1	ADDED -7 PER NPR 4844	07/13/93	MW
			F	OBS -7 PER EC 0420-141-96	23 SEPT 97	SB
			G	REV PER EC 0G40-102-99	01 MAR 99	JK
			H	ADDED -8 PER EC 0G3C-232-99	30 NOV 99	JO
			J	REV PER 0G3C-0281-00	23JUN00	JO







1. PLUG ASSEMBLY MATES WITH ANY 9 POSITION RECEPTACLE IN AMPLIMITE® SERIES.
2. SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
3. FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED NYLON OR POLYESTER, BLACK.
4. PHOSPHOR BRONZE PER QQ-B-750.
5. CARBON STEEL PER ASTM A109.
6. TIN PLATING PER MIL-T-10727; GOLD PLATING PER MIL-G-45204; NICKEL PLATING PER QQ-N-290; ZINC PLATING PER ASTM B633, TYPE II, CLASS SC1, YELLOW CHROMATE.
7. 5.08µm [.000200] MIN TIN OR TIN-LEAD OVER 2.54µm [.000100] MIN COPPER.
8. 5.08µm [.000200] MIN ZINC PLATED.
9. 0.025µm [.000001] MIN GOLD ON MATING END FOR A LENGTH OF 3.81 [.150] MIN, 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 0.76µm [.000030] MIN NICKEL.
10. 0.76µm [.000030] MIN GOLD ON MATING END FOR A LENGTH OF 3.81 [.150] MIN, 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
11. CLEAR CHROMATE OVER ZINC PLATE.

	PACKAGING TYPE	CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO
	STANDARD	YES	YES	9	7	747904-8
OBSOLETE	SMALL PACK	–	YES	9	7	747904-7
	STANDARD	NO	YES	10	7	747904-5
	STANDARD	NO	NO	9	8	747904-4
	STANDARD	NO	YES	9	7	747904-2

DO NOT SCALE PRINT.
UNLESS SPECIFIED
DIMENSIONS IN mm [INCHES]
TOLERANCES ON :
2 PLC DEC ± 0.13 [.005]
3 PLC DEC ± –
ANGLES ± 2°

MATERIAL
INSERT: 3
CONTACTS: 4
SHELLS & CLINCH NUTS: 5

FINISH 6
CONTACTS: SEE TABLE
SHELLS: SEE TABLE
CLINCH NUTS: 11

DR 10-3-89 C RICHARD
CHK 10-3-89 R STONE
APPD 10-3-89 L BREKOSKY
APPD 10-3-89 J SHOWERS
PRODUCT SPEC 108-40031
APPLICATION SPEC –
WEIGHT –

AMP INCORPORATED
Harrisburg, Pa. 17105

NAME
PLUG ASSEMBLY, SOLDER CUP, SIZE 1, 9 POSITION, AMPLIMITE® HD-20

SIZE	CAGE CODE	DRAWING NO
C	00779	747904

SCALE 4:1 SHEET 1 OF 1

747904

AMP 1471-6 REV 5-89

CUSTOMER DRAWING